

What are the versions of Huawei optical modules



AI Overview

Huawei optical modules come in multiple versions and types, including SFP, SFP+, eSFP, XFP, SFP28, QSFP+, QSFP28, and CFP, each supporting different transmission rates and features.

Common Huawei Optical Module Types and Versions

Huawei optical modules are designed for various transmission rates and network requirements :

- SFP (Small Form-factor Pluggable): Supports FE and GE rates, uses LC fiber connectors.
- eSFP (Enhanced SFP): Similar to SFP but supports monitoring of voltage, temperature, bias current, transmit and receive optical power.
- SFP+: High-speed SFP supporting 10GE transmission.
- SFP28: Same interface as SFP+, supports 25GE.
- XFP: 10 Gigabit module, larger than SFP+, supports LC connectors.
- QSFP+: Quad SFP, supports 40GE, uses MPO connectors.
- QSFP28: Supports 100GE or 40GE, same interface size as QSFP+.
- CFP: Centum form-factor pluggable, used for high-speed data communication, dimensions 144.75 mm x 82 mm x 13.6 mm.

Checking Optical Module Version on Huawei Devices

Article Content

FAQs About Optical Modules

For details about the optical modules supported by optical ports on switches, see "Appearance and Structure" of a specific switch

Types of Optical Modules

Huawei's technical support page detailing different types of optical modules and their specifications.

What Is an Optical Module and Its FAQs (V300)

Fundamentals of an Optical Module As an important part of fiber-optic communication, an optical module is a

Understanding Optical Modules

On an optical network, a sender needs to convert electrical signals into optical signals before sending them to a receiver, and the

WHAT IS AN OPTICAL MODULE AND ITS FAQs (V200)

As an important part of fiber-optic communication, an optical module is a photoelectric converter which converts electrical signals into

Understanding Optical Modules

This document provides an overall description of the CE5800& 6800& 8800& 9800 series switches hardware that V200R020C00 and

What Is StarryLink Optical Module? Why Do We Need It?

To address these demands, Huawei has launched the StarryLink optical module brand. And to keep up with the rapid

Types of Optical Modules

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Types of Optical Modules

Wavelength division multiplexing modules differ from other optical modules in center wavelengths. A common optical module has a

Huawei PON SFP Modules | GPON XG-PON XGS-PON & 50G-PON

With options ranging from Class B+ to Class D and advanced XG-PON Combo SFP+ modules, Huawei delivers

What Is StarryLink Optical Module? Why Do We Need It?

The StarryLink optical module is a core component developed by Huawei for data center networks. It delivers ultra

Huawei Launches Next Generation Optical Network Products and

Bob Chen, President of Huawei Optical Business Product Line, is unveiling Next Generation Optical Network products and solutions

Optical Modules in Intelligent Computing Scenarios

In the AI era, Huawei provides a full range of GE to 800GE optical modules, featuring three major capabilities: Spanning (ultra-long

Understanding Optical Modules

Cards Cables Pluggable Modules for Interfaces Important Notes About Using Optical Modules Certified for Huawei

Huawei Unveils StarryLink Optical Modules That ...

At MWC Barcelona 2025, Huawei introduced the StarryLink optical modules, aimed at creating a network experience

StarryLink Optical Module

Huawei's StarryLink optical modules for data center networks offer seamless interconnection from GE to 800GE across all scenarios,

How to Identify Huawei-Certified Switch Optical Modules

10GE or Lower Speed Optical Modules Huawei started certification on 10GE or lower speed optical modules for S switch

Understanding Optical Modules

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Important Notes About Using Optical Modules Certified for Huawei ...

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Huawei Optical Module Common Models

Optical modules are important devices in fiber optic communication systems. Huawei Optical Module is manufactured by Huawei

Important Notes About Using Optical Modules Certified for Huawei ...

100GE QSFP28 Optical Modules Important Notes About Using Optical Modules Certified for Huawei Switches How to Identify

Troubleshooting for Optical Modules on Huawei Switch

Troubleshooting for Optical Modules on Huawei Switch Many friends feedback that one problems occurred when using optical

01-10 OPTICAL MODULES

Huawei S series devices support optical modules of the following encapsulation types: CFP, QSFP+, QSFP28, XFP, SFP, eSFP,

Optical Modules for Huawei S Series Switches

A switch must use optical or copper modules that have been certified for use on Huawei switches. Non-certified optical or copper

Optical Module Appearance and Structure

This document provides an overall description of the CE5800& 6800& 7800& 8800 series switches hardware that versions earlier than

Understanding Pluggable Optical Modules

Optical modules are available in various types to meet diversified requirements. Classified by transmission rates Currently, the

Types of Optical Modules

Optical modules are encapsulated in different modes to provide different structures. Huawei routers support optical modules of the

Understanding Optical Modules

100GE QSFP28 Optical Modules Understanding Optical Modules What Is an Optical Module Types of Optical Modules Parameter

Optical Modules in General-Purpose Computing Scenarios

Huawei offers a comprehensive portfolio of pluggable StarryLink optical modules for data center networks, with various models

Contact Us

For more information, pricing, or custom solutions, please contact us:

Website: <https://www.tkmm.eu>

Email: info@tkmm.eu

Phone: +48 22 538 29 41

Address: ul. Puławska 45A, 02-508 Warsaw, Poland

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